Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 15 Dec 2022 until 23:59 on Friday 16 Dec 2022

Forecast Issued on Thursday 15 Dec 2022 at 00:51

Confidence: High confidence for settled, cold conditions to continue on Thursday and Friday but becoming more unsettled towards the weekend with milder conditions and wet and windy weather likely. Lower confidence in the detail and timings of rain, sleet and snow.

Headline for Thursday 15 Dec 2022: A largely dry and sunny day but very cold. .

Mountain weather hazards on Thursday 15 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability					
<05%	<05%	10%	20%	10%	<05%

Forecast for Thursday 15 Dec 2022

Weather: A dry and largely sunny morning but very cold. Remaining very cold in the afternoon as patchy cloud develops, bringing the chance of the odd wintry shower, but generally it will stay dry. A few mist and fog patches are likely to develop in the evening but mostly it will remain clear.

Chance of cloud-free hill tops above 600m: 90-100%, reducing to 70-80% in the afternoon.

Low cloud and visibility: Excellent visibility is generally expected with good views all around. Patchy cloud developing on the tops in the afternoon, and visibility becoming poor in any snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 15 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/13 W	8/12 NW	8/13 NW	8/12 NW	9/15 N	7/11 N	5/8 NW
300	5/7 SW	5/7 W	5/8 W	5/7 W	4/6 W	3/5 N	3/5 W
Valley	0/7 SE	1/4 S	2/6 W	1/5 NW	2/7 N	1/4 N	1/4 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-7	-3/-8	-1/-6	-2/-6	-3/-8	-3/-7	-3/-6
300	-3/-6	-3/-6	-1/-4	-1/-4	-2/-4	-2/-4	-2/-4
Valley	-5/-7	-4/-6	-1/-3	-2/-3	-3/-5	-2/-4	-4/-6
Freezing Level*	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill with fresh north/northwesterly winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 15 Dec 2022	0.6mm	0.6mm	0.8mm

Forecast for Friday 16 Dec 2022

Weather: Patchy mist, fog and low cloud forming overnight. This slowly thinning and clearing to sunny spells on Friday, but likely to reform in the evening. Remaining very cold throughout

Maximum wind: Northwesterly turning southwesterly winds 10-15 mph.

Chance of cloud-free hill tops above 600m: 70% increasing to 90%.

Low cloud and visibility: Patchy cloud around 600m at times, otherwise very good visibility but perhaps poor in places during the morning as mist and fog clear.

Temperature: **Valleys:** Minus 5 rising to plus 2 Celsius.
At 600m: Minus 3 Celsius
Freezing level: 0m rising to 200m

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